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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 1700.0020001/JAG/SGW	APPLICATION NO. 09/275,883
	APPLICANT Renner <i>et al.</i>	
	FILING DATE March 25, 1999	GROUP 1643

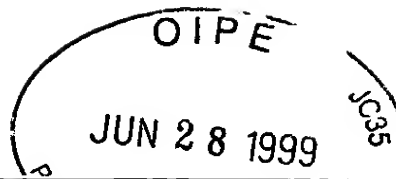
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
RS	AA1	5,532,154	07/02/1996	Brown, D. T.	435	235.1	03/21/1994
RS	AB1	5,578,473	11/26/1996	Palese, P. <i>et al.</i>	435	172.3	03/10/1994
RS	AC1	5,580,859	12/03/1996	Felgner, P. L. <i>et al.</i>	514	44	03/18/1994
RS	AD1	5,705,163	01/06/1998	Pastan, I. <i>et al.</i>	424	260.1	06/05/1995
RS	AE1	5,756,349	05/26/1998	Lin, F.-K.	435	325	06/06/1995
RS	AF1	5,789,245	08/04/1998	Dubensky, Jr., T. W. <i>et al.</i>	435	320.1	10/30/1996
RS	AG1	5,814,482	09/29/1998	Dubensky, Jr., T. W. <i>et al.</i>	435	69.3	10/30/1996
RS	AH1	5,843,723	12/01/1998	Dubensky, Jr., T. W. <i>et al.</i>	435	69.3	10/30/1996
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
RS	AL1	WO 97/38087	10/16/1997	WIPO			Yes No
RS	AM1	EP 0 716 148 A2	06/12/1996	Europe			Yes No
RS	AN1	WO 96/17072	06/06/1996	WIPO			Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
RS	AR	1	Altman-Hamamdzie, S. <i>et al.</i> , "Expression of β -galactosidase in mouse brain: utilization of a novel nonreplicative Sindbis virus vector as a neuronal gene delivery system." <i>Gene Therapy</i> 4:815-822 (August 1997)
RS	AS	1	Artelt, P. <i>et al.</i> , "Vectors for efficient expression in mammalian fibroblastoid, myeloid and lymphoid cells via transfection or infection," <i>Gene</i> 68:213-219 (1988)
RS	AT	1	Artuc, M. <i>et al.</i> , "Differential promoter activity in benign and malignant human cells of skin origin," <i>Exp. Dermatol.</i> 4:317-321 (1995)

EXAMINER <i>R. H. Sch...</i>	DATE CONSIDERED 8/5/00
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

85	AR	2	Barton, D. J. <i>et al.</i> , "Demonstration In Vitro of Temperature-Sensitive Elongation of RNA in Sindbis Virus Mutant <i>ts6</i> ," <i>J. Virol.</i> 62:3597-3602 (1988)
85	AS	2	Bechler, K., "Influence of Capping and Polyadenylation on mRNA Expression and on Antisense RNA Mediated Inhibition of Gene Expression," <i>Biochem. Biophys. Res. Comm.</i> 241:193-199 (December 1997)
85	AT	2	Berglund, P. <i>et al.</i> , "Alphaviruses as vectors for gene delivery," <i>TIBTECH</i> 14:130-134 (April 1996)

EXAMINER 	DATE CONSIDERED 6/3/00
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RS	AR	3	Bohl, D. <i>et al.</i> . "Long-term control of erythropoietin secretion by doxycycline in mice transplanted with engineered primary myoblasts," <i>Nature Med.</i> 3:299-305 (March 1997)
RS	AS	3	Bredenbeek, P. J. and C. M. Rice, "Animal RNA virus expression systems," <i>Seminars in Virol.</i> 3:297-310 (1992)
RS	AT	3	Bredenbeek, P. J. <i>et al.</i> , "Sindbis Virus Expression Vectors: Packaging of RNA Replicons by Using Defective Helper RNAs," <i>J. Virol.</i> 67:6439-6446 (1993)

EXAMINER 	DATE CONSIDERED 8/30/00
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Page 4 of 28

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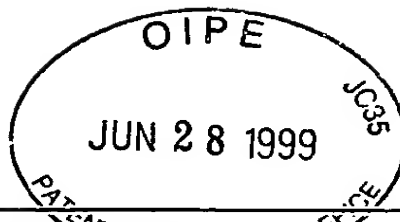
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

PS	AR	4	Burge, B. W. and E. R. Pfefferkorn, "Isolation and Characterization of Conditional-lethal Mutants of Sindbis Virus," <i>Virology</i> 30:204-213 (1966)
PS	AS	4	Burge, B. W. and E. R. Pfefferkorn, "Complementation Between Temperature-sensitive Mutants of Sindbis Virus," <i>Virology</i> 30:214-223 (1966)
PS	AT	4	Chapman, K. B. and J. W. Szostak, "Isolation of a ribozyme with 5'-5' ligase activity," <i>Chem. & Biol.</i> 2:325-333 (1995)

EXAMINER <i>RJG</i>	DATE CONSIDERED <i>8/3/00</i>
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
PS	AR	<u>5</u>	Cramer, A. <i>et al.</i> , "Improved Green Fluorescent Protein by Molecular Evolution Using DNA Shuffling," <i>Nature Biotech.</i> 14:315-319 (MARCH 1996)
PS	AS	<u>5</u>	Davis, N. L. <i>et al.</i> , "In Vitro Synthesis of Infectious Venezuelan Equine Encephalitis Virus RNA from a cDNA Clone: Analysis of a Viable Deletion Mutant," <i>Virology</i> 171:189-204 (1989)
PS	AT	<u>5</u>	De Groot, R. J. <i>et al.</i> , "Sindbis virus RNA polymerase is degraded by the N-end rule pathway," <i>Proc. Natl. Acad. Sci. USA</i> 88:8967-8971 (1991)

EXAMINER <i>Bl Sch</i>	DATE CONSIDERED <i>8/3/02</i>
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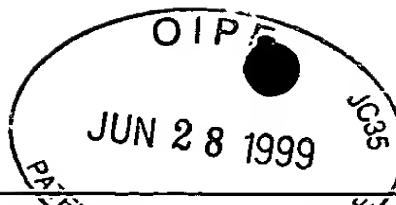
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PS	AR	<u>6</u>	Doedens, J. R. <i>et al.</i> , "Inhibition of Endoplasmic Reticulum-to-Golgi Traffic by Poliovirus Protein 3A: Genetic and Ultrastructural Analysis," <i>J. Virol.</i> 71:9054-9064 (December 1997)
PS	AS	<u>6</u>	Dryga, S. A. <i>et al.</i> , "Identification of Mutations in a Sindbis Virus Variant Able to Establish Persistent Infection in BHK Cells: The Importance of a Mutation in the nsP2 Gene," <i>Virology</i> 228:74-83 (February 1997)
PS	AT	<u>6</u>	Dubensky, Jr., T. W. <i>et al.</i> , "Sindbis Virus DNA-Based Expression Vectors: Utility for In Vitro and In Vivo Gene Transfer," <i>J. Virol.</i> 70:508-519 (January 1996)

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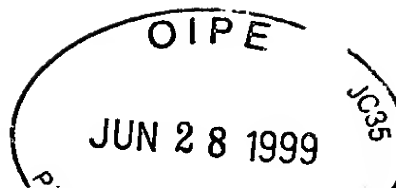
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

PS	AR	Z	Dubuisson, J. <i>et al.</i> , "Formation and Intracellular Localization of Hepatitis C Virus Envelope Glycoprotein Complexes Expressed by Recombinant Vaccinia and Sindbis Viruses," <i>J. Virol.</i> 68:6147-6160 (1994)
PS	AS	Z	Frolov, I. <i>et al.</i> , "Alphavirus-based expression vectors: Strategies and applications," <i>Proc. Natl. Acad. Sci. USA</i> 93:11371-11377 (October 1996)
PS	AT	Z	Früh, K. <i>et al.</i> , "Displacement of housekeeping proteasome subunits by MHC-encoded LMPs: a newly discovered mechanism for modulating the multicatalytic proteinase complex," <i>EMBO J.</i> 13:3236-3244 (1994)

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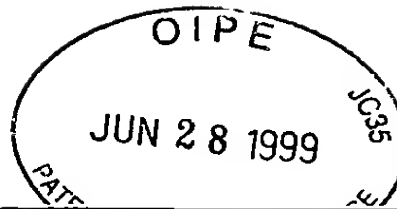
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
PS	AR	8	Furth, P. A. <i>et al.</i> , "Temporal control of gene expression in transgenic mice by a tetracycline-responsive promoter," <i>Proc. Natl. Acad. Sci. USA</i> 91:9302-9306 (1994)
PS	AS	8	Gossen, M. and H. Bujard, "Tight control of gene expression in mammalian cells by tetracycline-responsive promoters," <i>Proc. Natl. Acad. Sci. USA</i> 89:5547-5551 (1992)
PS	AT	8	Hahn, C. S. <i>et al.</i> , "Infectious Sindbis virus transient expression vectors for studying antigen processing and presentation," <i>Proc. Natl. Acad. Sci. USA</i> 89:2679-2683 (1992)

EXAMINER <i>Handwritten signature</i>	DATE CONSIDERED 8/300
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
PS	AR	2	Hakimi, J. and P. H. Atkinson, "Glycosylation of Intracellular Sindbis Virus Glycoproteins," <i>Biochem. 21</i> :2140-2145 (1982)
PS	AS	2	Hariharan, M. J. <i>et al.</i> , "DNA Immunization against Herpes Simplex Virus: Enhanced Efficacy Using a Sindbis Virus-Based Vector," <i>J. Virol. 72</i> :950-958 (February 1998)
PS	AT	2	Hennighausen, L. <i>et al.</i> , "Conditional Gene Expression in Secretory Tissues and Skin of Transgenic Mice Using the MMTV-LTR and the Tetracycline Responsive System," <i>J. Cell. Biochem. 59</i> :463-472 (1995)

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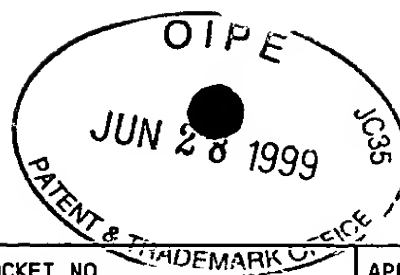
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PS	AR	<u>10</u>	Herweijer, H. <i>et al.</i> , "A Plasmid-Based Self-Amplifying Sindbis Virus Vector," <i>Human Gene Ther.</i> 6:1161-1167 (1995)
PS	AS	<u>10</u>	Hoffmann, A. <i>et al.</i> , "A novel tetracycline-dependent expression vector with low basal expression and potent regulatory properties in various mammalian cell lines," <i>Nucl. Acids Res.</i> 25:1078-1079 (March 1997)
PS	AT	<u>10</u>	Howe, J. R. <i>et al.</i> , "The Responsiveness of a Tetracycline-sensitive Expression System Differs in Different Cell Lines," <i>J. Biol. Chem.</i> 270:14168-14174 (1995)

EXAMINER <i>R. J. Sch</i>	DATE CONSIDERED <i>8/3/00</i>
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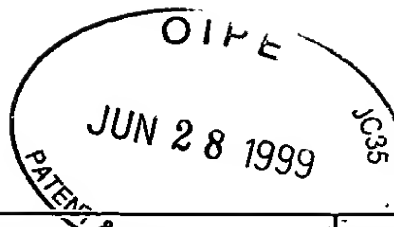
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PS	AR	11	Huang, H. V., "Sindbis virus vectors for expression in animal cells," <i>Curr. Opin. Biotech.</i> 7:531-535 (October 1996)
PS	AS	11	Jeng, S.-Y. <i>et al.</i> , "Characterization and Partial Purification of Bovine α -Lactalbumin and β -Casein Produced in Milk of Transgenic Mice," <i>J. Dairy Sci.</i> 80:3167-3175 (December 1997)
PS	AT	11	Johanning, F. W. <i>et al.</i> , "A sindbis virus mRNA polynucleotide vector achieves prolonged and high level heterologous gene expression <i>in vivo</i> ," <i>Nucl. Acids Res.</i> 23:1495-1501 (1995)

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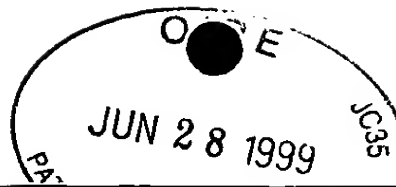
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RS	AR	12	Kawamata, H. <i>et al.</i> , "Induction of TSC-22 by treatment with a new anti-cancer drug, vesnarinone, in a human salivary gland cancer cell," <i>Brit. J. Cancer</i> 77:71-78 (January 1998)
RS	AS	12	Keränen, S. and L. Kääriäinen, "Functional Defects of RNA-Negative Temperature-Sensitive Mutants of Sindbis and Semliki Forest Viruses," <i>J. Virol.</i> 32:19-29 (1979)
RS	AT	12	Kerr, D. E. <i>et al.</i> , "The bladder as a bioreactor: Urothelium production and secretion of growth hormone into urine," <i>Nature Biotech.</i> 16:75-79 (January 1998)

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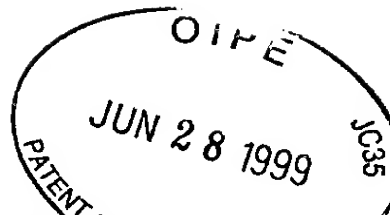
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	AP						Yes No

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RS	AR	13	Kistner, A. <i>et al.</i> , "Doxycycline-mediated quantitative and tissue-specific control of gene expression in transgenic mice," <i>Proc. Natl. Acad. Sci. USA</i> 93:10933-10938 (October 1996)
RS	AS	13	Lavrovsky, Y. <i>et al.</i> , "Therapeutic Potential and Mechanism of Action of Oligonucleotides and Ribozymes," <i>Biochem. Mol. Med.</i> 62:11-22 (October 1997)
RS	AT	13	Leake, C. J. <i>et al.</i> , "Cytopathic Effect and Plaque Formation by Arboviruses in a Continuous Cell Line (XTC-2) from the Toad <i>Xenopus laevis</i> ," <i>J. gen. Virol.</i> 35:335-339 (1977)

EXAMINER	REI sh	DATE CONSIDERED	6/3/00
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



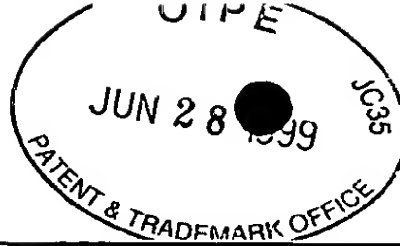
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1700.0020001/JAG/SGW	APPLICATION NO. 09/275,883
	APPLICANT Renner <i>et al.</i>	
	FILING DATE March 25, 1999	GROUP 1643

U.S. PATENT DOCUMENTS							
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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
PS	AR	14	Lee, K. H. <i>et al.</i> , "Two-Dimensional Electrophoresis of Proteins as a Tool in the Metabolic Engineering of Cell Cycle Regulation," <i>Biotech. Bioengin.</i> 50:336-340 (May 1996)
PS	AS	14	Lee, A. H. <i>et al.</i> , "Comparison of Various Expression Plasmids for the Induction of Immune Response by DNA Immunization," <i>Mol. Cells</i> 7:495-501 (August 1997)
PS	AT	14	Lemm, J. A. <i>et al.</i> , "Mutations Which Alter the Level or Structure of nsP4 Can Affect the Efficiency of Sindbis Virus Replication in a Host-Dependent Manner," <i>J. Virol.</i> 64:3001-3011 (1990)
EXAMINER	[Signature]		DATE CONSIDERED 8/3/00

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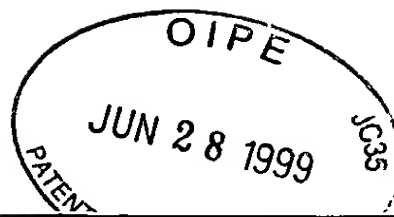
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
PS	AR	15	Lemm, J. A. and C. M. Rice, "Assembly of Functional Sindbis Virus RNA Replication Complexes: Requirement for Coexpression of P123 and P34," <i>J. Virol.</i> 67:1905-1915 (1993)
PS	AS	15	Liljeström, P. and H. Garoff, "A New Generation of Animal Cell Expression Vectors Based on the Semliki Forest Virus Replicon," <i>Bio/Technology</i> 9:1356-1361 (1991)
PS	AT	15	Liljeström, P., "Alphavirus expression systems," <i>Curr. Opin. Biotech.</i> 5:495-500 (1994)

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	FILING DATE March 25, 1999	GROUP 1643

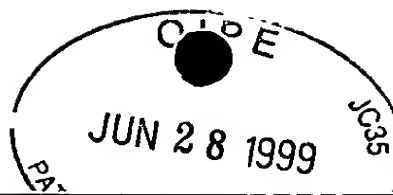
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
PS	AR	16	Limonta, J. <i>et al.</i> , "Production of active anti-CD6 mouse/human chimeric antibodies in the milk of transgenic mice," <i>Immunotech.</i> 1:107-113 (1995)
PS	AS	16	Lundstrom, K., "Alphaviruses as expression vectors," <i>Curr. Opin. Biotech.</i> 8:578-582 (October 1997)
PS	AT	16	Mangelsdorf, D. J., "The Nuclear Receptor Superfamily: The Second Decade," <i>Cell</i> 83:835-839 (1995)

EXAMINER 	DATE CONSIDERED 8/3/00
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	FILING DATE March 25, 1999	GROUP 1643

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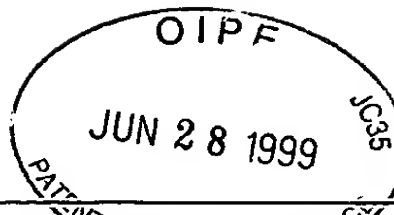
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

PS	AR	17	Máthé, E. <i>et al.</i> , "The <i>Toma</i> mutant alleles of α Tubulin67C reveal a requirement for the encoded maternal specific tubulin isoform in the sperm aster, the cleavage spindle apparatus and neurogenesis during embryonic development in <i>Drosophila</i> ," <i>J. Cell Sci.</i> 111:887-896 (April 1998)
TS	AS	17	Meade, H. and C. Ziomek, "Urine as a substitute for milk?" <i>Nature Biotech</i> 16:21-22 (January 1998)
PS	AT	17	Miki, T., "Heterogeneity of Sindbis Virus Glycoprotein E ₁ and its Modification by Host Cell Transformation," <i>J. gen. Virol.</i> 65:343-354 (1984)

EXAMINER 	DATE CONSIDERED 8/3/00
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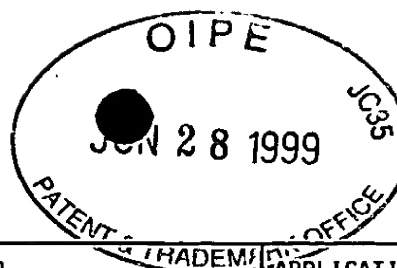
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

✓	AR	18	Minch, S. L. <i>et al.</i> , "Tissue Plasminogen Activator Coexpressed in Chinese Hamster Ovary Cells with $\alpha(2,6)$ -Sialyltransferase Contains NeuAc $\alpha(2,6)$ Gal $\beta(1,4)$ Glc-N-AcR Linkages," <i>Biotechnol. Prog.</i> 11:348-351 (1995)
✓	AS	18	Olkkonen, V. M. <i>et al.</i> , "Expression of Exogenous Proteins in Mammalian Cells with the Semliki Forest Virus Vector," <i>Meth. Cell Biol.</i> 43:43-53 (1994)
✓	AT	18	Palese, P. <i>et al.</i> , "Negative-strand RNA viruses: Genetic engineering and applications," <i>Proc. Natl. Acad. Sci. USA</i> 93:11354-11358 (October 1996)

EXAMINER	DATE CONSIDERED
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	FILING DATE March 25, 1999	GROUP 1643

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

PS	AR	19	Patterson, B. <i>et al.</i> , "Cold-sensitive Mutants G680V and G691C of <i>Dictyostelium</i> Myosin II Confer Dramatically Different Biochemical Defects," <i>J. Biol. Chem.</i> 272:27612-27617 (October 1997)
PS	AS	19	Paul, N. L. <i>et al.</i> , "Expression of HIV-1 Envelope Glycoproteins by Semliki Forest Virus Vectors," <i>AIDS Res. and Hum. Retrovir.</i> 9:963-970 (1993)
PS	AT	19	Peng, L. <i>et al.</i> , "Construction of Recombinant Adeno-Associated Virus Vector Containing the Rat Preproinsulin II Gene," <i>J. Surg. Res.</i> 69:193-198 (April 1997)

EXAMINER 	DATE CONSIDERED 8/5/00
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	APPLICANT Renner <i>et al.</i>	
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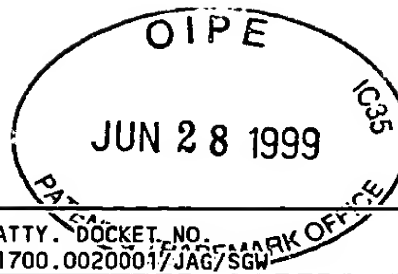
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RS	AR	<u>20</u>	Piper, R. C. <i>et al.</i> , "Recombinant Sindbis Virus as an Expression System for Cell Biology," <i>Meth. Cell Biol.</i> 43:55-78 (1994)
RS	AS	<u>20</u>	Prodromou, C. and L. H. Pearl, "Recursive PCR: a novel technique for total gene synthesis," <i>Protein Engin.</i> 5:827-829 (1992)
RS	AT	<u>20</u>	Qing, K. <i>et al.</i> , "Adeno-Associated Virus Type 2-Mediated Transfer of Ecotropic Retrovirus Receptor cDNA Allows Ecotropic Retroviral Transduction of Established and Primary Human Cells," <i>J. Virol.</i> 71:5663-5667 (July 1997)

EXAMINER VRL GJL	DATE CONSIDERED 8/3/00
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	APPLICANT Renner <i>et al.</i>	
	FILING DATE March 25, 1999	GROUP 1643

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

PS	AR	21	Renner, W. A. <i>et al.</i> , "Recombinant Cyclin E Expression Activates Proliferation and Obviates Surface Attachment of Chinese Hamster Ovary (CHO) Cells in Protein-Free Medium," <i>Biotech. Bioeng.</i> 47:476-482 (1995)
PS	AS	21	Saez, E. <i>et al.</i> , "Inducible gene expression in mammalian cells and transgenic mice," <i>Curr. Opin. Biotech.</i> 8:608-616 (October 1997)
PS	AT	21	Schlesinger, M. J. and S. Schlesinger, "Formation and Assembly of Alphavirus Glycoproteins," in <i>The Togaviridae and Flaviviridae</i> , Plenum Press, New York, NY, pp. 121-148 (1986)

EXAMINER	<i>WHL</i> <i>SL</i>	DATE CONSIDERED	<i>8/2/00</i>
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	APPLICANT Renner <i>et al.</i>	
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
PS	AR	<u>22</u>	Schlesinger, S., "Alphaviruses - vectors for the expression of heterologous genes," <i>TIBTECH</i> 11:18-22 (1993)
PS	AS	<u>22</u>	Shockett, P. <i>et al.</i> , "A modified tetracycline-regulated system provides autoregulatory, inducible gene expression in cultured cells and transgenic mice," <i>Proc. Natl. Acad. Sci. USA</i> 92:6522-6526 (1995)
PS	AT	<u>22</u>	Shockett, P. E. and D. G. Schatz, "Diverse strategies for tetracycline-regulated inducible gene expression," <i>Proc. Natl. Acad. Sci. USA</i> 93:5173-5176 (May 1996)

EXAMINER 	DATE CONSIDERED <u>8/3/00</u>
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Page 23 of 28

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1700.0020001/JAG/SGW

APPLICATION NO.
09/275,883

APPLICANT
Renner *et al.*

FILING DATE
March 25, 1999

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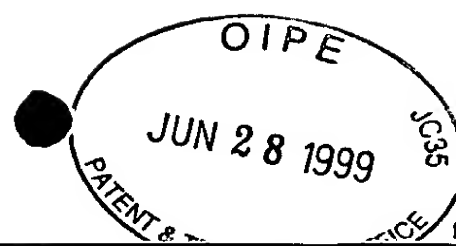
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RS	AR	23	Schwer, B. <i>et al.</i> , "Effects of deletion mutations in the yeast Ces1 protein on cell growth and morphology and on high copy suppression of mutations in mRNA capping enzyme and translation initiation factor 4A," <i>Nucl. Acids Res.</i> 26:803-809 (February 1998)
JS	AS	23	Smith, S. M. <i>et al.</i> , "Efficient Expression by an Alphavirus Replicon of a Functional Ribozyme Targeted to Human Immunodeficiency Virus Type 1," <i>J. Virol.</i> 71:9713-9721 (December 1997)
RS	AT	23	Stanley, P., "Glycosylation engineering," <i>Glycobiology</i> 2:99-107 (1992)

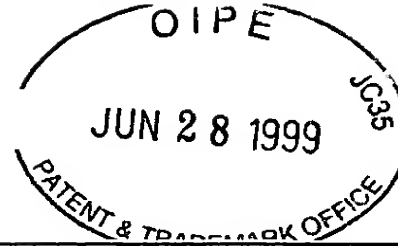
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FORM PTO-1449		ATTY. DOCKET NO. 1700.0020001/JAG/SGW		TRADEMARK OFFICE APPLICATION NO. 09/275,883	
INFORMATION DISCLOSURE STATEMENT		APPLICANT Renner <i>et al.</i>		FILING DATE March 25, 1999	
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RS	AR	24	Strauss, E. G. and J. H. Strauss, "Mutants of Alphaviruses: Genetics and Physiology," in <i>The Togaviruses</i> , Schlesinger, R. W., ed., Academic Press, New York, NY, pp. 393-426 (1980)		
RS	AS	24	Strauss, J. H. and E. G. Strauss, "The Alphaviruses: Gene Expression, Replication and Evolution," <i>Microbiol. Rev.</i> 58:491-562 (1994)		
RS	AT	24	Urakami, S. <i>et al.</i> , "Overexpression of Members of the AP-1 Transcriptional Factor Family from an Early Stage of Renal Carcinogenesis and Inhibition of Cell Growth by AP-1 Gene Antisense Oligonucleotides in the <i>Tsc2</i> Gene Mutant (Eker) Rat Model," <i>Biochem. and Biophys. Res. Comm.</i> 241:24-30 (December 1997)		
EXAMINER	DATE CONSIDERED			8/3/00	
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	FILING DATE March 25, 1999	GROUP 1643

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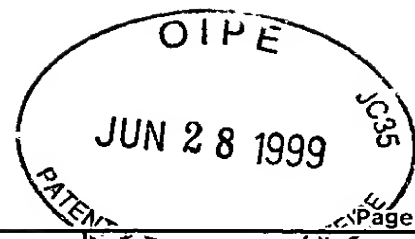
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

PS	AR	<u>25</u>	Wang, Y. <i>et al.</i> , "A regulatory system for use in gene transfer," <i>Proc. Natl. Acad. Sci. USA</i> 91:8180-8184 (1994)
PS	AS	<u>25</u>	Wang, Y. <i>et al.</i> , "Ligand-inducible and liver-specific target gene expression in transgenic mice," <i>Nature Biotech.</i> 15:239-243 (March 1997)
PS	AT	<u>25</u>	Watson, E. <i>et al.</i> , "Structure determination of the intact major sialylated oligosaccharide chains of recombinant human erythropoietin expressed in Chinese hamster ovary cells," <i>Glycobiology</i> 4:227-237 (1994)

EXAMINER KW SK	DATE CONSIDERED 8/3/00
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				APPLICANT Renner <i>et al.</i>		FILING DATE March 25, 1999	
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PS	AR	26	Weiss, B. <i>et al.</i> , "Establishment and Maintenance of Persistent Infection by Sindbis Virus in BHK Cells," <i>J. Virol.</i> 33:463-474 (1980)				
PS	AS	26	Wimmel, A. <i>et al.</i> , "Inducible acceleration of G ₁ progression through tetracycline-regulated expression of human cyclin E," <i>Oncogene</i> 9:995-997 (1994)				
PS	AT	26	Wu, A. M. "In vivo veritas: Live phage display panning," <i>Nature Biotech.</i> 14:429-431 (April 1996)				
EXAMINER R. L. G. L.					DATE CONSIDERED 8/10		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1700.0020001/JAG/SGW	APPLICATION NO. 09/275,883
	APPLICANT Renner <i>et al.</i>	
	FILING DATE March 25, 1999	GROUP 1643

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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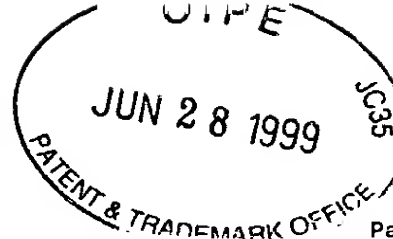
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>27</u>	Xie, Y. <i>et al.</i> , "A ribozyme-mediated, gene "knockdown" strategy for the identification of gene function in zebrafish," <i>Proc. Natl. Acad. Sci. USA</i> 94:13777-13781 (December 1997)
PS	AS	<u>27</u>	Xiong, C. <i>et al.</i> , "Sindbis Virus: An Efficient, Broad Host Range Vector for Gene Expression in Animal Cells," <i>Science</i> 243:1188-1191 (1988)
RS	AT	<u>27</u>	Yu, H. <i>et al.</i> , "Inducible Human Immunodeficiency Virus Type 1 Packaging Cell Lines," <i>J. Virol.</i> 70:4530-4537 (July 1996)

EXAMINER		DATE CONSIDERED	
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
PS	AR	28	Zang, M. <i>et al.</i> , "Production of Recombinant Proteins in Chinese Hamster Ovary Cells Using a Protein-Free Cell Culture Medium," <i>Biotech. 13</i> :389-392 (1995)
PS	AS	28	Invitrogen Manual, "Sindbis Expression System, Version C," from internet web page http://www.invitrogen.com/manuels.html , Catalog No. K750-01 (1996)
	AT		

EXAMINER 	DATE CONSIDERED 6/3/00
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FORM PTO-1449 FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 1700.0020001		APPLICATION NO. 09/275,883	
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	AA						
	AB						
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<i>RS</i> <i>RS</i>	AI1	5,091,309	02/25/1992	Schlesinger <i>et al.</i>	435	69.1	08/17/1989
	AJ1	5,217,879	06/08/1993	Huang <i>et al.</i>	435	69.1	12/27/1991
	AK1						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
<i>RS</i> <i>RS</i>	AO1	WO 94/17813	08/18/1994	WIPO			Yes No
	AP1	WO 98/36779	08/27/1998	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR		
	AS		
<i>RS</i>	AT	28	Dé, I. <i>et al.</i> , "Sindbis Virus RNA-Negative Mutants That Fail to Convert from Minus-Strand to Plus-Strand Synthesis: Role of the nsP2 Protein," <i>J. Virol.</i> 70:2706-2719 (1996)

EXAMINER <i>RTD EL</i>	DATE CONSIDERED <i>8/3/00</i>
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RS	AR	29	DiCiommo, D.P. and R. Bremner, "Rapid, High Level Protein Production Using DNA-based Semliki Forest Virus Vectors," <i>J. Biol. Chem.</i> 273:18060-18066 (July 1998)
RS	AS	29	Shirako, Y. and J.H. Strauss, "Regulation of Sindbis Virus RNA Replication: Uncleaved P123 and nsP4 Function in Minus-Strand RNA Synthesis, whereas Cleaved Products from P123 Are Required for Efficient Plus-Strand RNA Synthesis," <i>J. Virol.</i> 68:1874-1885 (1994)
RS	AT	29	Suopanki, J. <i>et al.</i> , "Regulation of alphavirus 26S mRNA transcription by replicase component nsP2," <i>J. Gen. Virol.</i> 79:309-319 (February 1998)

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	AN						Yes No
	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
KS	AR	30	Younker, D.R. and S.G. Sawicki, "Negative Strand RNA Synthesis by Temperature-Sensitive Mutants of Mouse Hepatitis Virus," in <i>Coronaviruses and Arteriviruses</i> , Enjuanes <i>et al.</i> , eds., Plenum Press, New York, pp. 221-226 (1998)
	AS		
	AT		

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